

PATENT SPECIFICATION

149,315

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COMPLETE SPECIFICATION.

Improvements in or relating to Fountain Pens.

I, (Miss) JEANNE MALLAT, of 53, Boulevard de Strasbourg, Paris, France, a citizen of the Republic of France, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

This invention relates to improvements in fountain pens and more particularly to improvements in the ink reservoirs for fountain pens.

It has been proposed to construct an ink reservoir for fountain pens which consists of an ebonite or the like container to which is fixed a flexible reservoir. This flexible reservoir is attached to the ebonite or like container by means of a metal or the like ring slipped over the flexible reservoir so as to press a thickened edge of the same tightly into a groove on the container so as to form a tight joint. Also it has been proposed to make the flexible reservoir of a tubular piece of rubber with one end blocked by means of a plug to which the rubber tube is attached by means of a metal or like ring or collar which presses the rubber tightly on the plug and the other end is secured inside the ebonite container by means of a metal or the like ring.

According to this invention there is provided an ink reservoir for fountain pens having a flexible tube attached by a metal or the like collar at one end to an ebonite or the like container and at the other end to a plug characterised by the plug being recessed to increase the ink capacity of the pen and the collars at each end encircling the flexible tube.

The ink reservoir is mainly constituted by two parts A and B screwed into each other. On the ebonite or like container B is mounted a rubber reservoir 1 secured

by means of a metal collar *c*. The other end of the rubber tube 1 is closed by means of a plug E of ebonite. A metal collar *d* ensures the fixing of the tube to the plug. The plug E is recessed in its lower portion so as to increase the quantity of ink contained in the pen.

The automatic filling of the pen can be effected by removing the part A and giving a twist to the plug E whereby the air or ink is expelled from the container and the pen can then be filled by inserting the pen into ink and allowing the container to assume its normal shape. Any rubber may be used provided that it passes into the part A. There is thus no difficulty in adjusting it since the rubber tube turns in the open.

The improvements made in the pen make a simpler, stronger article of easier manufacture; moreover, it contains a great deal of ink and may be made of any desired dimensions.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:—

1. An ink reservoir for fountain pens having a flexible tube attached by a metal or the like collar at one end to an ebonite or the like container and the other end to a plug characterised by the plug being recessed so as to increase the ink capacity of the pen and the collars at each end encircling the flexible tube.

2. An ink reservoir for fountain pens substantially as described or substantially as illustrated in the accompanying drawing.

Dated this 1st day of April, 1920.

BOULT, WADE & TENNANT,
111/112, Hatton Garden, London, E.C. 1,
Chartered Patent Agents.

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[Price 1/-]

[This Drawing is a full-size reproduction of the Original.]

